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PATENT
81674-249738

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

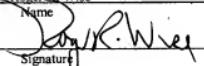
In re Application of:) EXAMINER: SAM K. AHN
Hiroshi TAKATORI, et al.) ART UNIT: 2637
) CONF. NO: 5276
Serial No: 10/003,330)
)
Filed: March 11, 2002)
)
For: *TIMING RECOVERY WITH*)
VARIABLE BANDWIDTH PHASE)
LOCKED LOOP AND NON-LINEAR)
CONTROL PATHS)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Mail Stop Amendment
Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450, on

October 18, 2005
Date of Deposit

Roger R. Wise
Name


Signature

10/18/2005
Date

AMENDMENT

Mail Stop Amendment
Hon. Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated June 29, 2005, the due date for response to which is October 31, 2005, the first business day following Saturday, October 29, 2005, by virtue of the accompanying Petition for Extension of Time, in connection with the above-identified application, please enter and consider the following amendment and remarks.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 0)

Complete if Known.

Application Number	10/003,330
Filing Date	October 31, 2001
First Named Inventor	Hiroshi Takatori, et al
Examiner Name	Sam K. Ahn
Art Unit	2637
Attorney Docket No.	081674-0249738

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order None Other (please identify): Deposit Account Deposit Account Number: 161805 Deposit Account Name: PILLSBURY WINTHROP SHAW PLLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

 Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
Utility	300	150.00	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent.

Small Entity

Fee (\$) Fee (\$)

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent.

50 25

Multiple dependent claims

200 100

Total Claims - 32**

360 180

27 - 32 = 5 X 50 = 250

HP = highest number of total claims paid for, if greater than 20

Indep. Claims

4 - 4 = 0 X 50 = 0

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(g)(1)(G) and 37 CFR 1.16(e).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
100 =	/50 =	(round up to a whole number)	250.00	Fee Paid (\$)

4. OTHER FEE(S)

Non-English Specification, 130 fee (no small entity discount)

Other: _____

SUBMITTED BY	Signature	Registration No. (Attorney/Agent)	Telephone
Name (Print/Type)	Roger R. Wysc	31,204	213488-7584
		Date	October 18, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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